

Appl. No. 10/773,633
Amdt. Dated 08/06/05
Reply to Office Action of 05/06/05

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (original) A power-operated vehicle-lifting system comprising:
 - a first housing and a plurality of fastening members for securing same to a select portion of a vehicle frame, said first housing having an open bottom portion and comprising
 - a cover pivotally connected thereto and movable between open and closed positions respectively,
 - a locking mechanism for maintaining said cover at a closed position; and
 - a first lifting mechanism disposed with said first housing and being electrically coupled to a power source, said first lifting mechanism comprising
 - a reversible motor, and
 - a hydraulic jack operably connected to said motor and being pivotally connected to said first housing via a bolt so that said jack can be moved between operating and non-operating positions respectively.
2. (currently amended) The vehicle-lifting system of claim 1, wherein said hydraulic jack comprises:
 - a ~~stationary~~rotating section and a plurality of movable sections slidably engageable with said ~~stationary~~rotating section and movable between retracted and extended positions;
 - a sump and a flexible conduit having opposed end portions connected to said sump and said jack respectively, said sump being operably controlled by said motor and for selectively transferring fluid to said jack during operating conditions;

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a helical spring member having opposed end portions connected to said stationaryrotating section and said first housing for assisting to pivot said jack from an operating position to a non-operating position; and

a support member having an arcuate end portion removably engageable with a select one of said plurality of movable sections so that same can be maintained at a substantially horizontal position.

3. (currently amended) The vehicle-lifting system of claim 2, further comprising:
a first stop member connected to said first housing and extending downwardly therefrom towards said jack; and

a second stop member connected to said stationaryrotating section and extending radially outwardly therefrom, said first and second stop members being engageable when said jack is rotated to a predetermined vertical position and for preventing said jack from pivoting therebeyond.

4. (original) The vehicle-lifting system of claim 1, wherein said motor further comprises:

a switch cover pivotally connected to said first housing; and
a control switch disposed within said switch cover, said control switch being movable between up and down positions for toggling said jack between retracted and extended positions respectively.

5. (original) The vehicle-lifting system of claim 1, wherein said locking mechanism comprises:

a latch member having a lower end portion connected to said cover; and
a quick-release pin removably engageable with said latch member and for maintaining same at a locked position.

6. (original) The vehicle-lifting system of claim 2, wherein said support member comprises:

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a U-bolt and a wing nut threadably engageable therewith for securing said support member to said housing.

7. (original) The vehicle-lifting system of claim 1, further comprising:
a second housing connected to a select portion of a vehicle and being spaced from said first housing; and

a second lifting mechanism disposed within said second housing and cooperating with said first lifting mechanism so that a vehicle may be elevated and lowered as desired by a user.

8. (currently amended) A power-operated vehicle-lifting system comprising:
a first housing and a plurality of fastening members for securing same to a select portion of a vehicle frame, said first housing having an open bottom portion and comprising

a cover pivotally connected thereto and movable between open and closed positions respectively,

a locking mechanism for maintaining said cover at a closed position; and

a first lifting mechanism disposed with said first housing and being electrically coupled to a power source, said first lifting mechanism comprising

a reversible motor, and

a hydraulic jack operably connected to said motor and being pivotally connected to said first housing via a bolt so that said jack can be moved between operating and non-operating positions respectively, said jack comprising

a ~~stationary~~rotating section and a plurality of movable sections slidably engageable with said ~~stationary~~rotating section and movable between retracted and extended positions,

a sump and a flexible conduit having opposed end portions connected to said sump and said jack respectively, said sump being operably controlled by said motor and for selectively transferring fluid to said jack during operating conditions,

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a helical spring member having opposed end portions connected to said stationaryrotating section and said first housing for assisting to pivot said jack from an operating position to a non-operating position, and

a support member having an arcuate end portion removably engageable with a select one of said plurality of movable sections so that same can be maintained at a substantially horizontal position.

9. (currently amended) The vehicle-lifting system of claim 8, further comprising:
a first stop member connected to said first housing and extending downwardly therefrom towards said jack; and

a second stop member connected to said stationaryrotating section and extending radially outwardly therefrom, said first and second stop members being engageable when said jack is rotated to a predetermined vertical position and for preventing said jack from pivoting therebeyond.

10. (original) The vehicle-lifting system of claim 8, wherein said motor further comprises:

a switch cover pivotally connected to said first housing; and
a control switch disposed within said switch cover, said control switch being movable between up and down positions for toggling said jack between retracted and extended positions respectively.

11. (original) The vehicle-lifting system of claim 8, wherein said locking mechanism comprises:

a latch member having a lower end portion connected to said cover; and
a quick-release pin removably engageable with said latch member and for maintaining same at a locked position.

12. (original) The vehicle-lifting system of claim 8, wherein said support member comprises:

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a U-bolt and a wing nut threadably engageable therewith for securing said support member to said housing.

13. (original) The vehicle-lifting system of claim 8, further comprising:
a second housing connected to a select portion of a vehicle and being spaced from said first housing; and
a second lifting mechanism disposed within said second housing and cooperating with said first lifting mechanism so that a vehicle may be elevated and lowered as desired by a user.